



Cal OES

Daily Weather Threat Briefing

Regional Operations Center

Western Region

Saturday, July 30



Day 1 (Saturday): One more day of high to locally very high heat risk impacts is expected across portions of northern California. Flash flooding will be possible across portions of southern California as well due to increased coverage of showers and thunderstorms. Fire weather conditions will remain elevated for the central mountains and foothills, while critical fire weather conditions are possible over far northern California where dry lightning may develop this this afternoon and evening.



Weather Risk Outlook

Regional Operations Center
Western Region
Saturday, July 30

	Sat, Jul 30	Sun, Jul 31	Mon, Aug 1	Tue, Aug 2	Wed, Aug 3	Thu, Aug 4	Fri, Aug 5	
Fire Weather Low RH / Wind / Dry T-Storms	Inland (North)	Inland (North)	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	
Thunderstorms Wind / Hail / Tornadoes	Inland (Sierra)/ Southern	Inland/ Southern	Inland/ Southern	Inland (Sierra)				
Heat	Inland (North)	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	
Cold								
River Flooding								
Wind								
Heavy Rain Flash Flooding / Debris Flow	Southern	Inland (Sierra)	Inland (Sierra)					
Snow								
Coastal Flooding								
Risk Levels	Little to None		Minor		Moderate		Major	Extreme



Weather Key Points

Regional Operations Center

Western Region

Saturday, July 30

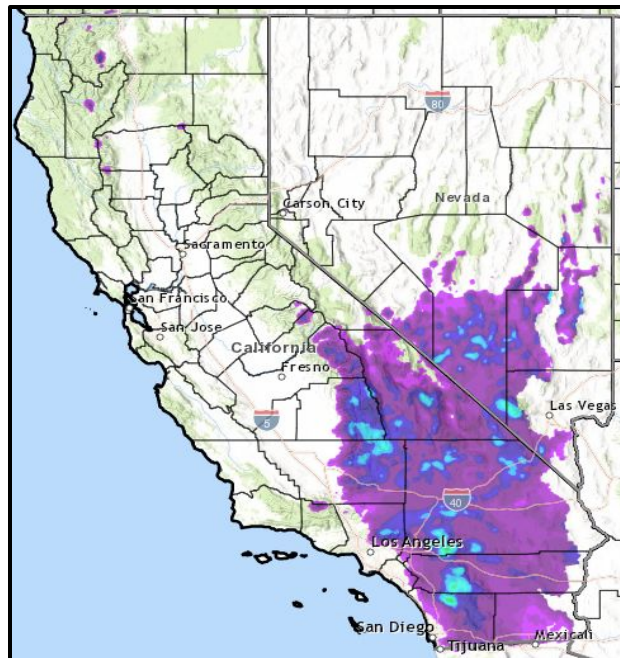
- One more day of hot temperatures will bring high to locally very high heat impacts across far northern California, with cooler and more seasonable temperatures returning for many areas beginning Sunday and through much of the coming week
- Monsoon showers and thunderstorms will increase over southern California and the Sierra today, continuing Sunday and Monday while also potentially developing across portions of the Central Valley. Some lingering showers are expected over the Sierra Tuesday through Thursday.
 - Some thunderstorms will likely produce locally heavy rainfall that could lead to flash flooding Saturday through Monday, especially over the Sierra and across southern California
 - A Flood Watch is in effect through late Saturday evening for the western Mojave Desert and southern California mountains and foothills. Additional Flood Watches are possible for Sunday and Monday.
 - Some southern California burn scars may see localized debris or mud flows depending on the location of storms. Scars of most concern for Saturday are the Apple, Bobcat, Dam, El Dorado, Lake, and Ranch 2 fire areas. The Washburn Fire could also see some localized heavier rainfall through Monday.
- Additional scattered showers and thunderstorms are expected to develop across far the northern California mountains and foothills today and Sunday, bringing the potential for dry lightning
 - Lightning strikes combined with ongoing very dry conditions and gusty winds near thunderstorms will bring elevated to even critical fire weather conditions to portions of far northern California today and Sunday
 - Additional periods of elevated fire weather conditions will continue through mid to late week as dry and locally breezy weather returns to many mountain and foothill locations of the state

Precipitation Forecast

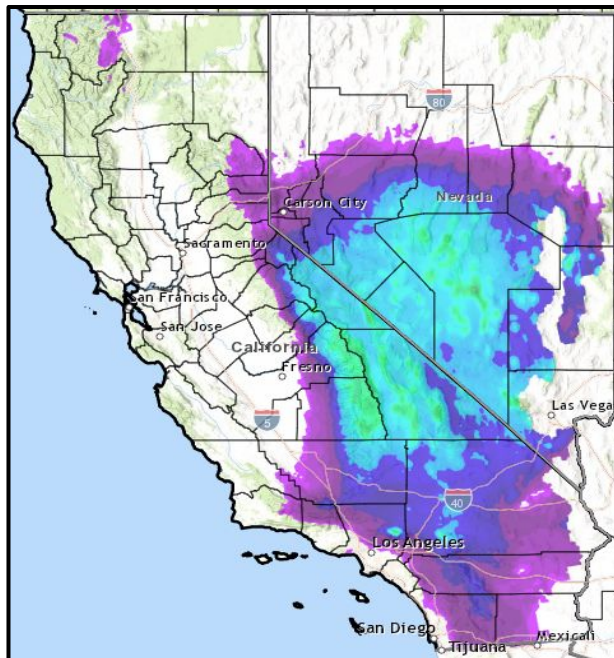
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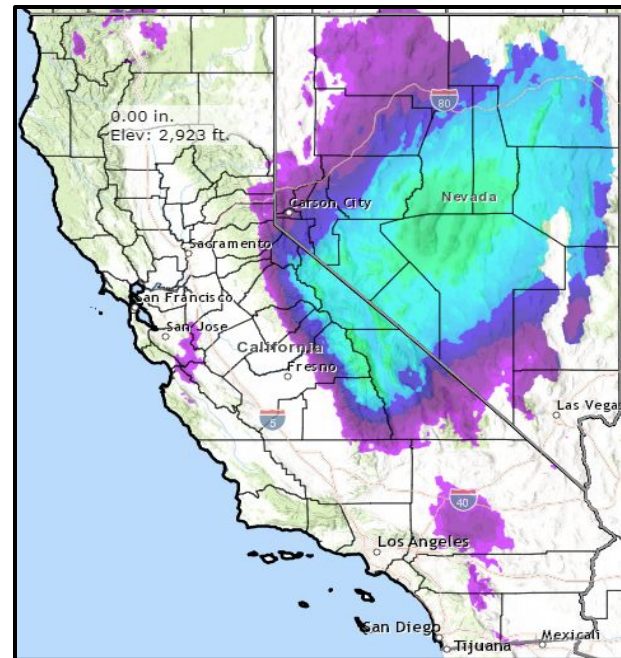
Saturday, July 30



Saturday



Sunday



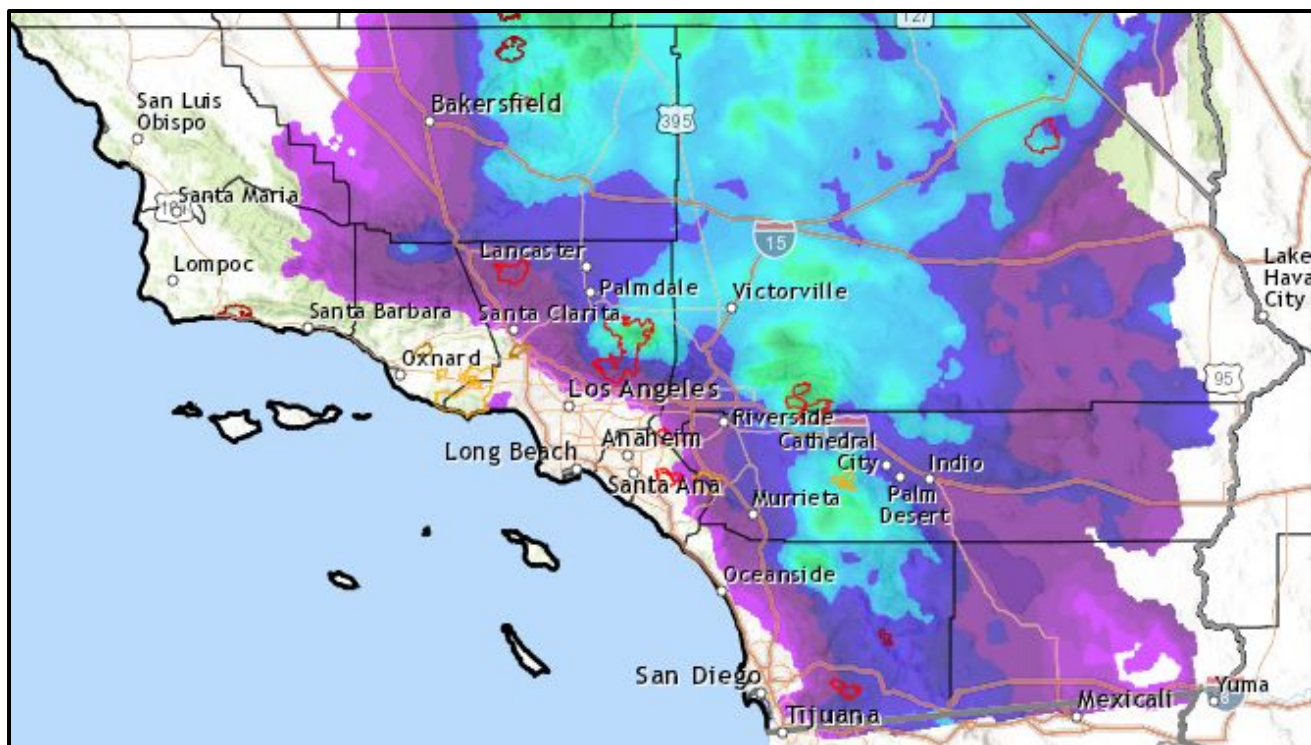
Monday

Important Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms will produce locally much higher rainfall amounts.

Precipitation (inches)



Southern CA Burn Scar Precipitation



Forecast Precipitation Saturday - Monday

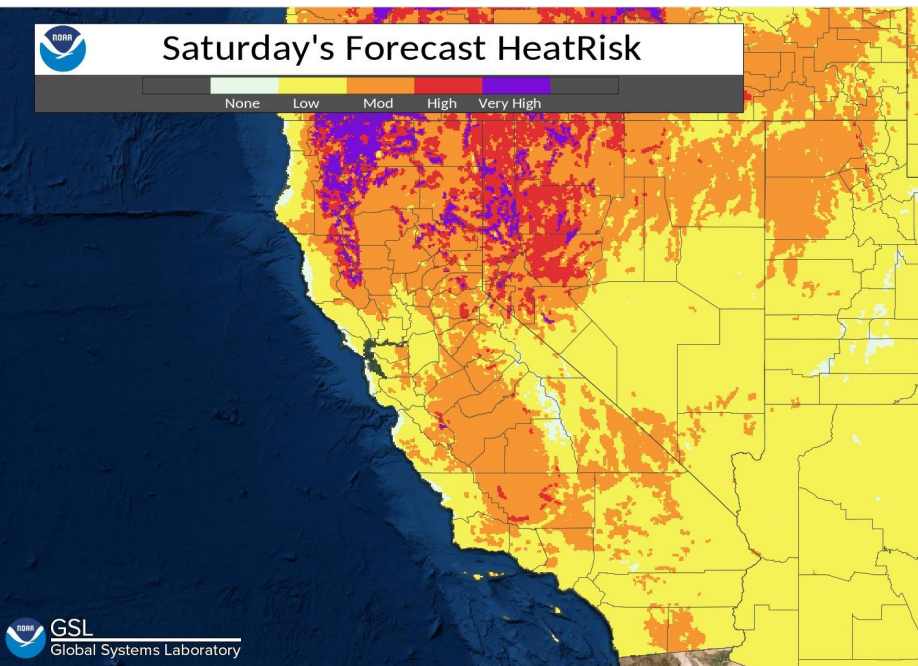
(Note that amounts are an average across the area and that thunderstorms will be capable of producing locally much higher rainfall amounts)

Precipitation (inches)



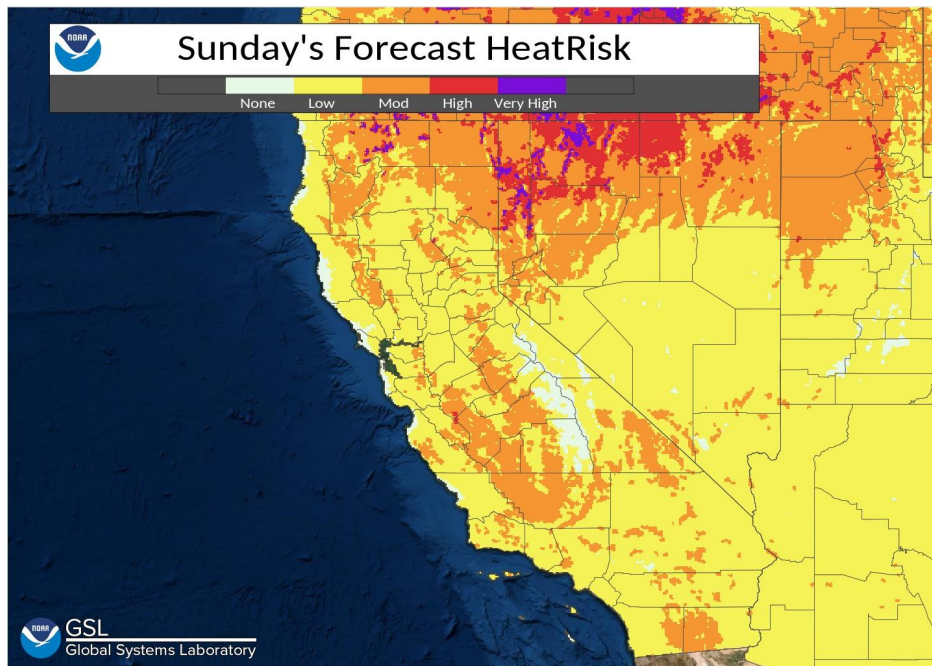
Saturday's Forecast HeatRisk

None Low Mod High Very High



Sunday's Forecast HeatRisk

None Low Mod High Very High



Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	Level 4	Very High Risk for the entire population due to long duration heat, with little to no relief overnight



High Temperature Forecast

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Western Region

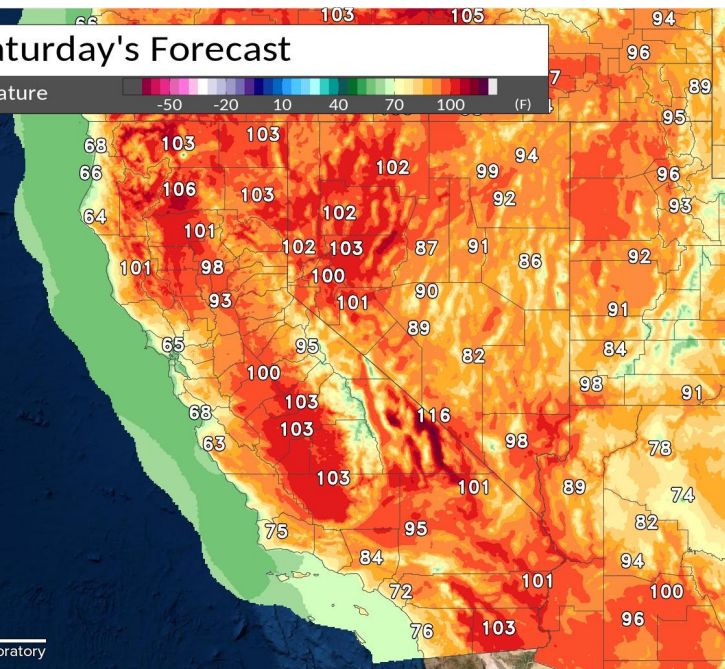
Saturday, July 30



Saturday's Forecast

High Temperature

-50 -20 10 40 70 100 (F)



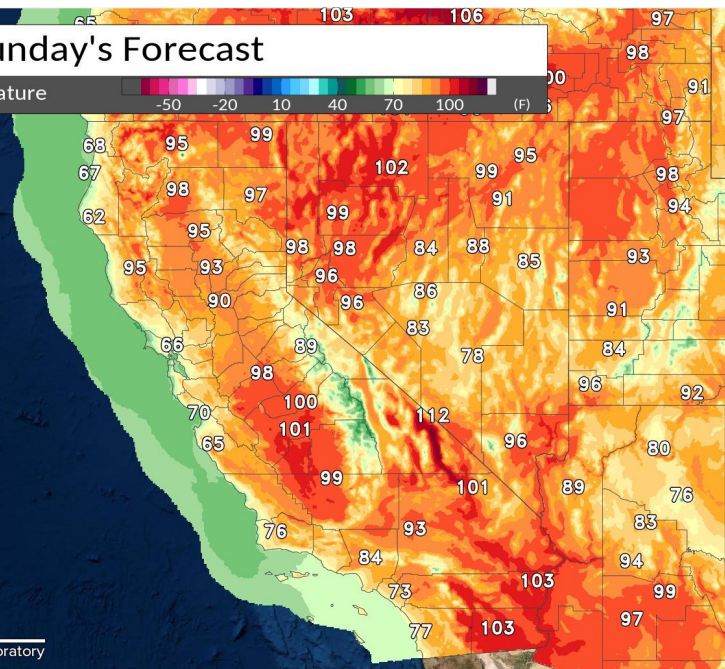
NOAA
GSL
Global Systems Laboratory



Sunday's Forecast

High Temperature

-50 -20 10 40 70 100 (F)



NOAA
GSL
Global Systems Laboratory



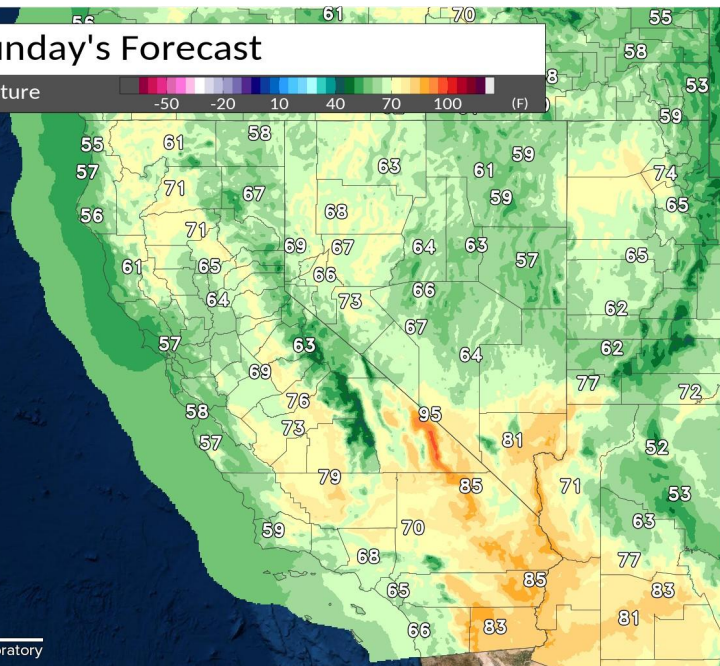
Low Temperature Forecast


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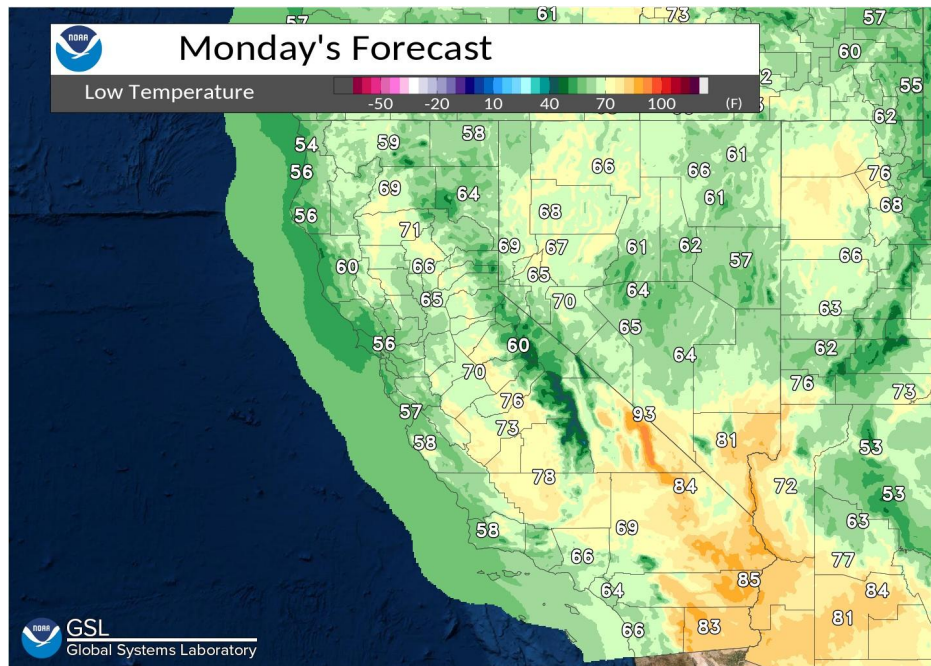
Saturday, July 30


 Sunday's Forecast
Low Temperature



 GSL
Global Systems Laboratory

 Monday's Forecast
Low Temperature



 GSL
Global Systems Laboratory



Weather Outlook (6-14 Days)

Regional Operations Center

Western Region

Saturday, July 30

6-10 Day Outlook (August 4 – August 8)

Temperatures

- Below normal temperatures are favored across southern California, with near to above normal temperatures favored across central and northern California

Precipitation

- Above normal precipitation is favored across eastern and southeastern California, with near normal precipitation favored for the rest of the state

8-14 Day Outlook (August 6 – August 12)

Temperatures

- Above normal temperatures are favored across most of the state, with near or below normal temperatures favored across far southeastern California

Precipitation

- Above normal precipitation is favored across eastern and southeastern California, with near normal precipitation favored for the remainder of the state



Risk Assessment Matrix

Regional Operations Center

Western Region

Saturday, July 30

Impact Level Definition

- 1. Impactful weather is not expected.**
- 2. Potential threat to lives and property if no/incorrect actions are taken.**
 - Localized impacts on commerce possible.
 - Includes events that occur frequently.
- 3. Potential threat to lives and property if no/incorrect actions are taken.**
 - Impacts on commerce possible.
 - Includes events that occur a few times per year.
- 4. Actions likely needed to save lives and/or property.**
 - Significant impacts to commerce possible.
 - Includes events that occur infrequently.
- 5. Actions required to save lives and/or property.**
 - Significant and extended impacts to commerce.
 - Includes exceptionally rare events.

